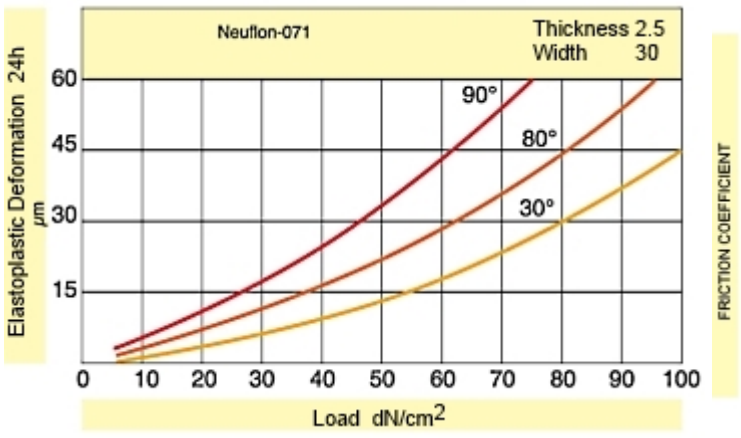
Lubricants and fittings |PTFE Linear Bearings

HD SKATE CE cementeble Neuflon-ptfe tape

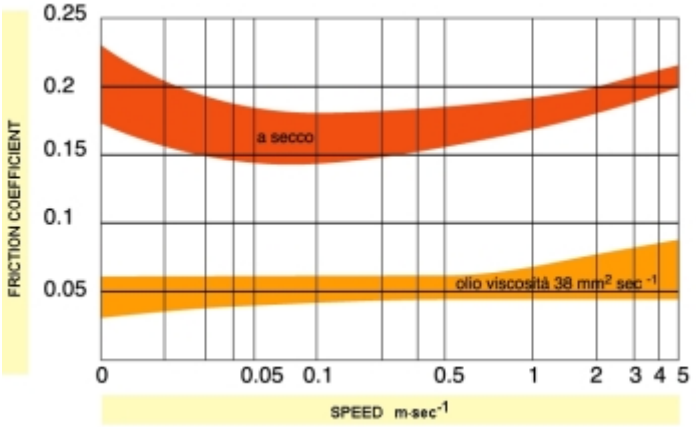
The HD Skate CE tape is in compounded ptfe and treated so as to allow it to be stick on
It is used as a protection for the guidance ways of tool machines where it performs an anti-friction and anti-wear action
It is autolubricant and can work in absence of lubrication where sludge my tend to accumulate
Minimal wear

Very low friction coefficient. particularly the static friction coefficient is pratically identical to the dinamic one
It can be easily ground
Damps knocks and vibrations
The tape and its adhesive are compatible to all the lubricants and cooling fluids
Easily cementable using a specific bicomponent RTV-VRN adhesive

ELASTOPLASTIC DEFORMATION / LOAD



FRICTION COEFFICIENT / SPEED



STANDARD DIMENSIONS

CODE	WIDTH	THICKNESS
HD Skate CE 15/1.5	15	1.5
HD Skate CE 20/1.5	20	
HD Skate CE 25/1.5	25	
HD Skate CE 30/1.5	30	
HD Skate CE 35/1.5	35	
HD Skate CE 40/1.5	40	
HD Skate CE 45/1.5	45	
HD Skate CE 50/1.5	50	
HD Skate CE 60/1.5	60	
HD Skate CE 70/1.5	70	
HD Skate CE 80/1.5	80	
HD Skate CE 100/1.5	100	
HD Skate CE 120/1.5	120	
HD Skate CE 125/1.5	125	
HD Skate CE 150/1.5	150	

HD Skate CE 160/1.5	160
HD Skate CE 175/1.5	175
HD Skate CE 200/1.5	200

RTV-VRN ADHESIVE FOR PTFE instructions for ptfe / metal bonding

The tape surface is ready for sticking and must not be handled. at most it could be cleaned with chlorothene (perchloroetylene), or, better still, with acetone.
The metal surface (better if they have just been on dry operation) must be completely free of traces of oxidation and greases, the oil soaked cast iron must be flame treated so as to carbonize any residuals and then washed with chlorothene.
Do not dry with compressed air wich is often contaminated with oil and water condensation. Work in clean and dry surrondings.
The components must be at least at room temperature so as to avoid the formation of condensation.
Preparation of the glue:
Carefully mix the hardener and the adhesive in the proportions suggested (see the label). At room temperature the "Pot-Life" is approximately 2h.
Spread out the so prepared adhesive in the quantitiy of about 200g/m2 and apply a light pressure (max. 0.1 - 0.3 Kg/cm2)
When hardening has been completed, the HD Skate CE can be grinded, scraped or milled to obtain the lubrication channels

Hardening time	Temperature
12 h	20°C
10 h	25°C
3 h	40°C
2 h	50°C
20'	100°C
It is advisable not to work under 18°C	